

# ROLLOVER BITS FOR PACKET DEPARTURE TIME CALCULATOR

Varadarajan Srinivasan  
Sandeep Khanna

## ABSTRACT

A traffic management processor includes a departure time calculator for generating a departure time for each packet, a departure time table having a plurality of rows, each having a first portion for storing the departure time for a corresponding packet and having a second portion for storing a rollover bit, and a reset circuit configured to reset the rollover bits in a predetermined time.